Attorney's Docket No.: 17391-002001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Tsontcho Ianchulev
Serial No. : 10/820,635
Filed : April 8, 2004
Title : INTRAOPERATIVE ESTIMATION OF INTRAOCULAR LENS POWER

Art Unit : 3738
Examiner : Unknown

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicant submits the references listed on the attached form PTO-1449. Applicant does not concede that the listed references are prior art.

This statement is being filed within three months of the filing date of the application or before the receipt of a first Office action on the merits.

Documents AR and AS are foreign language documents, which include English-language abstracts.

Document AVV is a collection of abstracts and citations (without abstract) of possibly relevant publications. Should the examiner desire a copy of any of the publications, and be unable to obtain it, please contact the undersigned so that a copy can be provided.

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

July 21, 2004
Date of Deposit

Maureen Christiano
Signature

Maureen Christiano
Typed or Printed Name of Person Signing Certificate

Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 7/20/04

G. Roger Lee
Reg. No. 28,963

Fish & Richardson P.C.
225 Franklin Street
Boston, MA 02110-2804
Telephone: (617) 542-5070
Facsimile: (617) 542-8906

20872036.doc

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17391-002001	Application No. 10/820,635
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Tsontcho Ianchulev	
		Filing Date April 8, 2004	Group Art Unit 3738

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	6634751	10/21/03	Turner et al.			
	AB	6439720	08/27/02	Graves et al.			
	AC	6050687	04/18/00	Bille et al.			
	AD	6007204	12/28/99	Fahrenkrug et al.			
	AE	5968095	10/19/99	Norrby			
	AF	5796463	08/18/98	Bullimore			
	AG	5455645	10/03/95	Berger et al.			
	AH	5329322	07/12/94	Yancey			
	AI	5282852	02/01/94	Capetan et al.			

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AJ	Aramberri, "Intraocular lens power calculation after corneal refractive surgery: Double-K method," J Cataract Refract Surg 29:2063-2068 (November 2003)
	AK	Argento et al., "Intraocular lens power calculation after refractive surgery," J Cataract Refract Surg 29:1346-1351 (July 2003)
	AL	Binkhorst, "Power of the Pre-Pupillary Pseudoshakos," B.J.O. 56:332-37 (1972)
	AM	Binkhorst, "The optical design of intraocular lens implants," Ophthalmic Surg 6(3):17-31 (1975)
	AN	Chen et al., "Analysis of intraocular lens power calculation in post-radial keratotomy eyes," J Cataract Refract Surg 29:65-? (January 2003)
	AO	Colenbrander, "Calculation of the Power of an Iris-Clip Lens for Distance Vision," Br. J. Ophthal. 57:735-40 (1973)
	AP	Cua et al., "Intraocular lens calculations in patients with corneal scarring and irregular astigmatism," J Cataract Refract Surg 29:1352-1357 (July 2003)
	AQ	Feiz et al., "Intraocular Lens Power Calculation After Laser In Situ Keratomileusis for Myopia and Hyperopia – A Standardized Approach," Cornea 20(8):792-797 (2001)
	AR	Feordorov et al., "Estimation of optical power of the intraocular lens," Vestn. Oftamol 80(4):27-31 (1967)
	AS	Gernet, "IOL calculation according to Gernet and the GOW 70 PC programme," Abstract from Ophthalmologe 98:873-876 (2001)
	AT	Gimbel et al., "Accuracy and predictability of intraocular lens power calculation after laser in situ keratomileusis," J Cataract Refract Surg 27:571-576 (April 2001)
	AU	Gimbel et al., "Accuracy and predictability of intraocular lens power calculation after photorefractive keratectomy," J Cataract Refract Surg 26:1147-1151 (August 2000)
	AV	Hamilton et al., "Cataract surgery in patients with prior refractive surgery," Current Opinion in Ophthalmology 14:44-53 (2003)

Examiner Signature	Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17391-002001	Application No. 10/820,635
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Tsontcho Ianchulev	
		Filing Date April 8, 2004	Group Art Unit 3738

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AW	Harvey et al., "Reproducibility and accuracy of measurements with a hand held autorefractive in children," Journal of Ophthalmology 81:941-948 (1997)
	AX	Hoffer, "Calculating Corneal Power After Refractive Surgery," Cataract & Refractive Surgery Today 4(4):23-25 (April 2004)
	AY	Hoffer, "Mathematics and computers in intraocular lens calculation," Am Intra-Ocular Implant Soc J 1(1):4-5 (1975)
	AZ	Holladay et al., "A three-part system for refining intraocular lens power calculations," J Cataract Refract Surg 14:17-24 (January 1988)
	AAA	Hunt et al., "Evaluation of the measurement of refractive error by the PowerRefractor: a remote, continuous and binocular measurement system of oculomotor function," Br J Opthalmol 87:1504-1508 (2003)
	ABB	Ianchulev, "Method for Intraoperative Refractive IOL Calculation," Poster Presentation at Ophthalmology Conference (April 2004)
	ACC	Isenberg et al., "Use of the HARK Autorefractor in Children," American Journal of Ophthalmology 131(4):438-441 (2001)
	ADD	Kora et al., "Intraocular lens power calculation for lens exchange," J Cataract Refract Surg 27:543-548 (April 2001)
	AEE	Liang et al., "Comparison of Measurements of Refractive Errors Between the Hand-held Retinomax and On-table Autorefractors in Cyclopleged and Noncyclopleged Children," American Journal of Ophthalmology 136(6):1120-1128 (December 2003)
	AFF	Liang et al., "Comparison of the handheld Retinomax K-Plus 2 and on-table autokeratometers in children with and without cycloplegia," J Cataract Refract Surg 30:670-674 (March 2004)
	AGG	Nemeth et al., "Optical and ultrasound measurement of axial length and anterior chamber depth for intraocular lens power calculation," J Cataract Refract Surg 29:85-88 (January 2003)
	AHH	Olsen, "Theoretical approach to intraocular lens calculation using Gaussian optics," J Cataract Refract Surg 13:141-145 (March 1987)
	AII	Olsen, "Theoretical, computer-assisted prediction versus SRK prediction of postoperative refraction after intraocular lens implantation," J Cataract Refract Surg 13:141-145 (March 1987)
	AJJ	Orr et al., "Manifest Refraction Versus Autorefraction for Patients with Subfoveal Choroidal Neovascularization," Investigative Ophthalmology & Visual Science 42(2):447-451 (February 2001)
	AKK	Oyo-Szerenyi et al., "Autorefraction/Autokeratometry and Subjective Refraction in Untreated and Photorefractive Keratectomy – Treated Eyes," Arch Ophthalmol, Vol. 115 (February 1997)
	ALL	Raj et al., "Objective autorefraction in posterior chamber pseudophakia," British Journal of Ophthalmology 74:731-733 (1990)
	AMM	Raj et al., "Clinical evaluation of automated refraction in anterior chamber pseudophakia," British Journal of Ophthalmology 75:42-44 (1991)
	ANN	Sanders et al., "Comparison of the SRK™ formula and other second generation formulas," J Cataract Refract Surg 14:136-141 (March 1988)
	AOO	Sanders et al., "Comparison of the SRK/T formula and other theoretical and regression formulas," J Cataract Refract Surg 16:341-346 (May 1990)
	APP	Siganos et al., "Autorefractometry after laser in situ keratomileusis," J Cataract Refract Surg 29:133-137 (January 2003)

Examiner Signature	Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17391-002001	Application No. 10/820,635
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Tsontcho Ianchulev	
		Filing Date April 8, 2004	Group Art Unit 3738

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AQQ	Suto et al., "Adjusting intraocular lens power for sulcus fixation," J Cataract Refract Surg 29:1913-1917 (October 2003)
	ARR	Thall et al., "Linear Regression Software for Intraocular Lens Implant Power Calculation, American Journal of Ophthalmology 101:597-599 (May 1986)
	ASS	Thompson et al., "A New Posterior Chamber Intraocular Lens Formula for Axial Myopes," Ophthalmology 91(5):484-488 (May 1984)
	ATT	Tromans et al., "Accuracy of intraocular lens power calculation in paediatric cataract surgery," Br J Ophthalmol 85:939-941 (2001)
	AUU	Zaldivar et al., " Intraocular lens power calculations in patients with extreme myopia," J Cataract Refract Surg 26:668-674 (May 2000)
	AVV	Collection of abstracts and citations of publications

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	